

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant: Robert J. Sweeney et al.

Title: TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS

Docket No.: 279.636US1  
Filed: June 27, 2003  
Examiner: Unknown

Serial No.: 10/607,818  
Due Date: N/A  
Group Art Unit: 3762

**Mail Stop Amendment**


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

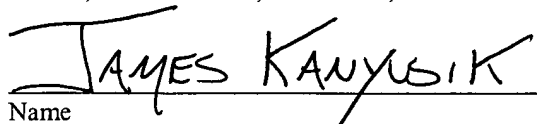
- ☒ A return postcard.
- ☒ A Communication Concerning Related Applications (2 pgs.).
- ☒ An Information Disclosure Statement (2 pgs.), Form 1449 (5 pgs.), and copies of 12 cited documents, including the International Search Report for corresponding PCT Application No. PCT/US2004/020723 (7 pgs.).

If not provided for in a separate paper filed herewith, Please consider this a **PETITION FOR EXTENSION OF TIME** for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Customer Number 21186

By:   
Atty: David W. Black  
Reg. No. 42,331

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 7<sup>th</sup> day of December, 2005.

  
Name

  
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
(GENERAL)

**S/N 10/607,818**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Examiner: Unknown

Serial No.: 10/607,818

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Title: TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS

**COMMUNICATION CONCERNING RELATED APPLICATIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date/Issue Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/703,269 6,684,100	October 31, 2000	279.188US1	CURVATURE BASED METHOD FOR SELECTING FEATURES FROM AN ELECTROPHYSIOLOGIC SIGNALS FOR PURPOSE OF COMPLEX IDENTIFICATION AND CLASSIFICATION
10/195838 6,950,702	July 15, 2002	279.438US1	USE OF CURVATURE-BASED FEATURES FOR BEAT DETECTION
10/607,820 2004/0267143A1	June 27, 2003	279.635US1	SIGNAL COMPRESSION BASED ON CURVATURE PARAMETERS

COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 10/607,818

Filing Date: June 27, 2003

Title: TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS

Page 2

Dkt: 279.636US1

10/734,327  
2004/0127806A1

December 12, 2003

279.188US2

CURVATURE BASED METHOD FOR  
SELECTING FEATURES FROM AN  
ELECTROPHYSIOLOGIC SIGNALS  
FOR PURPOSE OF COMPLEX  
IDENTIFICATION AND  
CLASSIFICATION

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicants request that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.


Respectfully submitted,

ROBERT J. SWEENEY ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6911

Date December 7, 2005 By

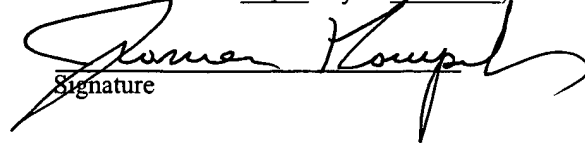
  
David W. Black  
Reg. No. 42,331

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Name

JAMES KAUYSIK

Signature



S/N 10/607,818

PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Robert J. Sweeney et al.	Examiner:	Unknown
Serial No.:	10/607,818	Group Art Unit:	3762
Filed:	June 27, 2003	Docket:	279.636US1
Title:	TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS		

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**INFORMATION DISCLOSURE STATEMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Several of the attached documents were discovered as a result of a Search Report in Applicants' corresponding foreign patent application. Enclosed for the Examiner's information is a copy of these cited documents and the Search Report.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No :10/607,818

Filing Date: June 27, 2003

Title: TACHYARRHYTHMIA DETECTION AND DISCRIMINATION BASED ON CURVATURE PARAMETERS

Page 2

Dkt: 279.636US1

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

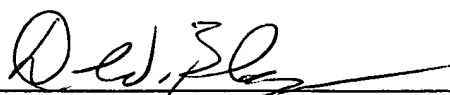
The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ROBERT J. SWEENEY ET AL.

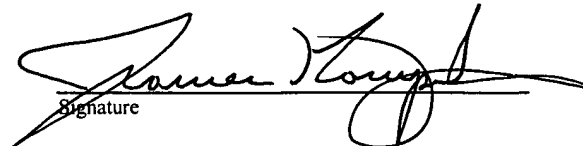
By their Representatives,

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JAMES KANYSIK  
Name

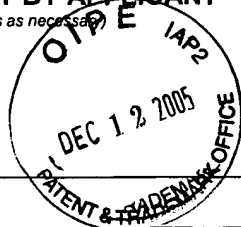
  
Signature

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 1 of 5

Complete if Known

<b>Application Number</b>	10/607,818
<b>Filing Date</b>	June 27, 2003
<b>First Named Inventor</b>	Sweeney, Robert
<b>Group Art Unit</b>	3762
<b>Examiner Name</b>	Unknown

Attorney Docket No: 279.636US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2002/0193696A1	12/19/2002	Hsu, W. , et al.	08/14/2002
	US-2004/0010200A1	01/15/2004	Sweeny, R. J., et al.	07/15/2002
	US-2004/0127806A1	07/01/2004	Sweeney, R. J.	12/12/2003
	US-2004/0267143A1	12/30/2004	Sweeny, R. J.	06/27/2003
	US-2005/0159781A1	07/21/2005	Hsu, W.	03/11/2005
	US-4,336,810	06/29/1982	Anderson, D. L., et al.	09/30/1980
	US-4,583,553	04/22/1986	Shah, A. P., et al.	11/15/1983
	US-4,721,114	01/26/1988	DuFault, R. A., et al.	02/21/1986
	US-4,802,491	02/01/1989	Cohen, R. J., et al.	07/30/1986
	US-4,825,869	05/02/1989	Sasmor, L. , et al.	09/28/1987
	US-4,832,038	05/23/1989	Arai, M. R., et al.	01/20/1987
	US-4,838,278	06/13/1989	Wang, J. , et al.	02/26/1987
	US-4,924,875	05/15/1990	Chamoun, N. G.	10/09/1987
	US-4,947,857	08/14/1990	Albert, D. E., et al.	02/01/1989
	US-5,014,284	05/07/1991	Langer, A. A., et al.	06/30/1989
	US-5,046,504	09/10/1991	Albert, D. E., et al.	04/06/1990
	US-5,184,615	02/09/1993	Nappholz, T. A., et al.	03/08/1991
	US-5,193,550	03/16/1993	Duffin, E. G.	11/30/1990
	US-5,201,321	04/13/1993	Fulton, Keith W.	02/11/1991
	US-5,217,021	06/08/1993	Steinhaus, B. M., et al.	07/30/1991
	US-5,228,438	07/20/1993	Buchanan, S. W.	10/08/1991
	US-5,240,009	08/31/1993	Williams, M. O.	03/25/1991
	US-5,271,411	12/21/1993	Ripley, K. L., et al.	09/10/1991
	US-5,273,049	12/28/1993	Steinhaus, B. M., et al.	04/09/1992
	US-5,275,621	01/04/1994	Mehra, R.	04/13/1992
	US-5,280,792	01/25/1994	Leong, P. H., et al.	09/18/1992
	US-5,291,400	03/01/1994	Gilham, J. J.	04/09/1992
	US-5,292,341	03/08/1994	Snell, J. D.	03/02/1992
	US-5,292,348	03/08/1994	Saumarez, R. , et al.	04/13/1992
	US-5,311,874	05/17/1994	Baumann, L. S., et al.	05/18/1992
	US-5,312,445	05/17/1994	Nappholz, T. A., et al.	02/03/1992
	US-5,313,953	05/24/1994	Yomtov, B. M., et al.	01/14/1992
	US-5,330,504	07/19/1994	Somerville, W. M., et al.	05/03/1993
	US-5,331,966	07/26/1994	Bennett, Tom D., et al.	12/16/1993
	US-5,334,220	08/02/1994	Sholder, J. A.	11/13/1992
	US-5,342,402	08/30/1994	Olson, W. H., et al.	01/29/1993
	US-5,350,406	09/27/1994	Nitzsche, R. , et al.	12/22/1992
	US-5,351,696	10/04/1994	Riff, K. M., et al.	04/23/1993
	US-5,360,436	11/01/1994	Alt, E. , et al.	04/03/1992
	US-5,365,934	11/22/1994	Leon, T. , et al.	04/26/1993

**EXAMINER****DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional) ‡ Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/607,818
<b>Filing Date</b>	June 27, 2003
<b>First Named Inventor</b>	Sweeney, Robert
<b>Group Art Unit</b>	3762
<b>Examiner Name</b>	Unknown

Sheet 2 of 5

Attorney Docket No: 279.636US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,366,487	11/22/1994	Adams, T. P., et al.	11/04/1993
	US-5,383,910	01/24/1995	den Dulk, K.	02/19/1993
	US-5,387,229	02/07/1995	Poore, J. W.	01/21/1993
	US-5,391,189	02/21/1995	van Krieken, F. M., et al.	11/04/1993
	US-5,400,795	03/28/1995	Murphy, A. J., et al.	10/22/1993
	US-5,411,031	05/02/1995	Yomtov, B. M.	11/24/1993
	US-5,417,714	05/23/1995	Levine, P. A., et al.	05/11/1993
	US-5,431,693	07/11/1995	Schroeppe, E. A.	12/10/1993
	US-5,447,519	09/05/1995	Peterson, D. K.	03/19/1994
	US-5,458,620	10/17/1995	Adams, T. P., et al.	02/14/1994
	US-5,464,433	11/07/1995	White, H., et al.	06/14/1994
	US-5,480,412	01/02/1996	Mouchawar, G., et al.	11/16/1993
	US-5,487,754	01/30/1996	Snell, J. D., et al.	10/25/1994
	US-5,503,159	04/02/1996	Burton, D. L.	03/17/1995
	US-5,511,554	04/30/1996	Helfenbein, E. D., et al.	07/27/1994
	US-5,513,644	05/07/1996	McClure, K. H., et al.	09/22/1994
	US-5,514,163	05/07/1996	Markowitz, H. T., et al.	02/21/1995
	US-5,520,191	05/28/1996	Karlsson, P., et al.	10/07/1994
	US-5,542,430	08/06/1996	Farrugia, S., et al.	09/16/1994
	US-5,545,186	08/13/1996	Olson, W. H., et al.	03/30/1995
	US-5,549,641	08/27/1996	Ayers, G. M., et al.	10/31/1994
	US-5,560,369	10/01/1996	McClure, K. H., et al.	09/22/1994
	US-5,603,331	02/18/1997	Heemels, J. P., et al.	02/12/1996
	US-5,605,159	02/25/1997	Smith, J. M., et al.	02/16/1996
	US-5,628,326	05/13/1997	Arand, P. A., et al.	11/29/1995
	US-5,645,070	07/08/1997	Turcott, R.	09/25/1995
	US-5,676,153	10/14/1997	Smith, J. M., et al.	10/25/1996
	US-5,682,900	11/01/1997	Arand, , et al.	11/29/1995
	US-5,685,315	11/11/1997	McClure, Kelly H., et al.	03/29/1996
	US-5,697,959	12/16/1997	Poore, J. W.	01/11/1996
	US-5,704,365	01/06/1998	Albrecht, P., et al.	11/14/1995
	US-5,712,801	01/27/1998	Turcott, R.	09/25/1995
	US-5,713,367	02/03/1998	Arnold, J. M., et al.	01/26/1995
	US-5,718,242	02/01/1998	McClure, K. H., et al.	06/26/1996
	US-5,730,142	03/24/1998	Sun, W., et al.	03/21/1997
	US-5,738,105	04/14/1998	Kroll, M. W.	10/24/1995
	US-5,749,900	05/12/1998	Schroeppe, Edward A., et al.	12/11/1995
	US-5,755,739	05/26/1998	Sun, W., et al.	12/04/1996
	US-5,778,881	07/14/1998	Sun, W., et al.	12/04/1996
	US-5,779,645	07/14/1998	Olson, T. S., et al.	12/17/1996

**EXAMINER**

**DATE CONSIDERED**

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**INFORMATION DISCLOSURE  
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<b>Application Number</b>	10/607,818
<b>Filing Date</b>	June 27, 2003
<b>First Named Inventor</b>	Sweeney, Robert
<b>Group Art Unit</b>	3762
<b>Examiner Name</b>	Unknown

Sheet 3 of 5

Attorney Docket No: 279.636US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-5,782,888	07/21/1998	Sun, W. , et al.	03/21/1997
	US-5,788,717	08/04/1998	Mann, B. M., et al.	07/11/1995
	US-5,792,065	08/11/1998	Xue, Q. , et al.	03/18/1997
	US-5,792,066	08/11/1998	Kwong, M.	01/09/1997
	US-5,795,303	08/18/1998	Swanson, David K., et al.	09/02/1997
	US-5,797,399	08/25/1998	Morris, M. M., et al.	04/19/1996
	US-5,810,739	09/22/1998	Bornzin, G. A., et al.	12/19/1996
	US-5,814,077	09/29/1998	Sholder, J. A., et al.	05/12/1997
	US-5,817,133	10/06/1998	Houben, R. P.	03/04/1997
	US-5,819,007	10/06/1998	Elghazzawi, Z. F.	03/15/1996
	US-5,819,741	10/13/1998	Karlsson, P. , et al.	05/24/1996
	US-5,827,195	10/27/1998	Lander, P.	05/09/1997
	US-5,836,987	11/17/1998	Baumann, L. S., et al.	03/12/1997
	US-5,855,593	01/05/1999	Olson, W. H., et al.	06/12/1997
	US-5,857,977	01/12/1999	Caswell, S. A., et al.	08/08/1996
	US-5,868,680	02/09/1999	Steiner, P. R., et al.	09/23/1997
	US-5,873,897	02/23/1999	Armstrong, R. K., et al.	09/19/1997
	US-5,873,898	02/23/1999	Hemming, M. T., et al.	04/29/1997
	US-5,935,082	08/10/1999	Albrecht, P. , et al.	05/15/1997
	US-5,941,831	08/24/1999	Turcott, R.	04/03/1998
	US-5,944,744	08/31/1999	Paul, P. J., et al.	02/06/1998
	US-5,951,592	09/14/1999	Murphy, A.	11/21/1997
	US-5,954,661	09/21/1999	Greenspon, A J., et al.	03/31/1997
	US-5,978,700	11/02/1999	Nigam, I. B.	05/06/1998
	US-5,978,707	11/02/1999	Krig, D. B., et al.	10/08/1997
	US-5,983,138	11/09/1999	Kramer, A. P.	04/04/1997
	US-5,991,656	11/23/1999	Olson, W. H., et al.	09/22/1998
	US-5,991,657	11/23/1999	Kim, J.	08/06/1998
	US-6,016,442	01/18/2000	Hsu, W. , et al.	03/25/1998
	US-6,024,705	02/15/2000	Schlager, K. J., et al.	11/06/1998
	US-6,049,735	04/11/2000	Hartley, J. W., et al.	03/01/1999
	US-6,052,617	04/18/2000	Kim, J.	07/01/1998
	US-6,076,014	06/13/2000	Alt, E.	08/01/1997
	US-6,081,745	06/27/2000	Mehra, R.	08/17/1998
	US-6,091,990	07/18/2000	Hsu, William , et al.	11/03/1999
	US-6,192,273	02/20/2001	Igel, D. A., et al.	12/02/1997
	US-6,212,428	04/03/2001	Hsu, W. , et al.	05/22/2000
	US-6,223,078	04/24/2001	Marcovecchio, A. F.	03/12/1999
	US-6,233,487	05/15/2001	Mika, Y. , et al.	06/23/1999
	US-6,253,102	06/26/2001	Hsu, W. , et al.	05/11/2000

**EXAMINER****DATE CONSIDERED**

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached



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<b>Group Art Unit</b>	3762
<b>Examiner Name</b>	Unknown

Sheet 4 of 5

Attorney Docket No: 279.636US1

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	US-6,272,377	08/07/2001	Sweeney, R. J., et al.	10/01/1999
	US-6,275,732	08/14/2001	Hsu, William , et al.	06/17/1998
	US-6,301,499	10/09/2001	Carlson, Gerrard M., et al.	10/18/1999
	US-6,301,503	10/09/2001	Hsu, W. , et al.	09/29/1900
	US-6,308,095	10/23/2001	Hsu, W. , et al.	02/12/1999
	US-6,312,388	11/06/2001	Marcovecchio, A. F., et al.	03/12/1999
	US-6,370,430	04/01/2002	Mika, Y. , et al.	05/16/2000
	US-6,400,982	06/04/2002	Sweeney, R. J., et al.	05/07/2001
	US-6,430,435	08/06/2002	Hsu, W. , et al.	11/20/2000
	US-6,430,438	08/06/2002	Chen, Victor T., et al.	05/21/1999
	US-6,434,417	08/13/2002	Lovett, E. G.	03/28/2000
	US-6,438,410	08/20/2002	Hsu, William , et al.	05/03/2001
	US-6,449,503	09/10/2002	Hsu, W.	01/14/1999
	US-6,470,210	10/22/2002	Chen, Victor , et al.	04/06/2001
	US-6,484,055	11/19/2002	Marcovecchio, A. F.	09/20/2000
	US-6,516,225	02/04/2003	Florio, Joseph J.	09/15/2000
	US-6,539,257	03/25/2003	KenKnight, B. H.	09/12/2000
	US-6,571,121	05/27/2003	Schroeppel, Edward A., et al.	10/15/2001
	US-6,684,100	01/27/2004	Sweeney, R. J., et al.	10/31/2000
	US-6,950,702	09/27/2005	Sweeney, R. J.,	07/15/2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	DE-4405827 (w/ English Abstract)	06/08/1995	von Bezold, D. , et al.	
	EP-469817A2	07/29/1991	Larnard, D. J., et al.	
	EP-506230A1	02/24/1992	Williams, M. O.	
	WO-97/39681A1	04/19/1996	Morris, M. M., et al.	
	WO-99/65570A1	12/23/1999	Hsu, W., et al.	
	WO-00/10455A1	03/02/2000	Litt, B. , et al.	
	WO-00/47278A1	08/17/2000	Hsu, W. , et al.	
	WO-02/40094A2	05/23/2002	Sweeney, R. J., et al.	
	WO-2005/002669A2	01/13/2005	Sweeney, R. J., et al.	

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

<b>Application Number</b>	10/607,818
<b>Filing Date</b>	June 27, 2003
<b>First Named Inventor</b>	Sweeney, Robert
<b>Group Art Unit</b>	3762
<b>Examiner Name</b>	Unknown

Sheet 5 of 5

Attorney Docket No: 279.636US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"International Search Report for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1), (February 8, 2005), 7 pgs.	
		"Written Opinion for PCT Application No. PCT/US2004/020723", (Attorney Docket No. 279.636WO1), 12 pgs.	
		VAPNIK, V. N., "Chapter 5 Constructing Learning Algorithms", <u>The Nature of Statistical Learning Theory</u> , Springer-Verlag New York, Inc., (1995), 119-166	

**EXAMINER****DATE CONSIDERED**

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